

NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT

Project Title:	Asset Management Decision Support Tool Testing and Requirements Documentation		
RFP NUMBER: 7263555	NJDOT RESEARCH PROJECT MANAGER: Camille Chrichton-Summers		
TASK ORDER NUMBER: 17	PRINCIPAL INVESTIGATOR: Hugh Louch		
Project Starting Date: 06/21/2010 Project Ending Date: 02/20/2011	Period Starting Date: 10/01/2010 Period Ending Date: 12/31/2010		

Task	% of Total Project Budget	Total Budget	% of Task This Quarter	Cost This Quarter	% of Task to Date	Total Cost to Date
1. Model Testing	60%	\$66,157	28%	\$4,592	28%	\$22,260
2. Software Design	35%	\$39,061	0%	\$5,461	0%	\$5,461
3. Final Report	5%	\$5,771	0%	\$0	0%	\$0
TOTAL	100%	\$110,989		\$10,054		\$27,772

Project Objectives:

The objectives of this project are to validate the asset management decision support model developed for NJDOT by Cambridge Systematics and to develop software requirements to implement the model within NJDOT's data warehouse.

Project Abstract:

This project provides additional testing and development of an asset management decision support tool that was developed for NJDOT Capital Investment Strategies. The task includes 1) testing the model with data from NJDOT management systems, as they are provided to the data warehouse being developed by NJDOT, and 2) further specifying a web-based software application that would interact with the NJDOT data warehouse and provide easy access to the utility calculations and optimization routines developed as part of the previous effort.

1. Progress this Quarter by Task

Task 1:

- Continued developing testing methodology
- Continued meetings with NJDOT management system staff to review data issues

Task 2:

- Met with management system owners to discuss software tool needs

Task 3:

- No work conducted to date

2. Proposed activities for next quarter by task

Task 1:

- Finalize approach to tool validation
- Conduct tool validation

Task 2:

- Complete meetings with CIS and other relevant staff to discuss software requirements

Task 3:

- Document findings in final report

3. List of deliverables provided in this quarter by task (product date):

- No deliverables provided in this quarter

4. Progress on Implementation and Training Activities:

- No work on implementation or training in this period

5. Problems/Proposed Solutions:

- A required work stoppage of one month may create the need for an extension for this project.

Total Project Budget	\$110,989.28
Contract Amount:	\$110,989.28
Total Project Expenditure to date	\$27,721.98
% of Total Project Budget Expended	25%